



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

3 Pre B

In re application of:
Masaharu NODA et al.

Appl. No. 09/920,653

Confirmation No. 6043

Filed: August 3, 2001

For: NAV2 CHANNEL GENE-DEFICIENT
NON-HUMAN ANIMALS

Art Unit: 1362

Examiner: Not Yet Assigned

Atty. Docket No. 31671-173164

Customer No.



26694

PATENT TRADEMARK OFFICE

Second Preliminary Amendment

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to calculation of the fees, please amend the specification as follows:

IN THE SPECIFICATION

On page 35, replace the paragraph beginning at line 10 with the following:

-- Next, nerve cells in dorsal root ganglia were isolated. The dorsal root ganglia were prepared from wild-type and Na_v2 gene-deficient mice of 8-16 weeks of age. Nerve cells were dispersedly isolated from the dorsal root ganglia according to the method of Renganathan et al. (J Neurophysiol 84, 710-718, 2000). Before used for an ion imaging experiment, the dispersedly isolated nerve cells were cultured under the condition of the humidity of 100% and the temperature of 37°C, and with 5% of carbon dioxide, then adhered to the glass of culture plates. All nerve cells were confirmed to be Na_v2 -positive by staining

13'

09/920,653-1000